

FILE 'REGISTRY' ENTERED AT 14:18:12 ON 10 JAN 2003

E LIPOIC ACID/CN

L1 2 S E3

E GLYCERYL STEARATE CITRATE/CN

L2 1 S E3

E IMWITOR/CN

L3 1 S E7

E AXOL/CN

L4 1 S E4

L5 2 S L3 OR L4

FILE 'STNGUIDE' ENTERED AT 14:19:50 ON 10 JAN 2003

FILE 'REGISTRY' ENTERED AT 14:22:09 ON 10 JAN 2003

L6 STRUCTURE UPLOADED

L7 10 S L6

FILE 'USPATFULL, CAPLUS' ENTERED AT 14:22:36 ON 10 JAN 2003

L8 12 S L7

L9 4682 S 1200-22-2/RN OR (((DITHIOLANE-3-PENTANOIC) OR (DITHIOLANE-3-V

L10 362 S 100359-41-9/RN OR 199015-62-8/RN OR 85411-32-1/RN OR GLYCERYL

L11 371222 S EMULSION

L12 4684 S L8 OR L9

L13 20 S L12 AND L10

L14 16 S L13 AND L11

L15 1 S L14 AND PY<2000

L16 15 S L14 NOT L15

L17 0 S L16 AND PY<2001

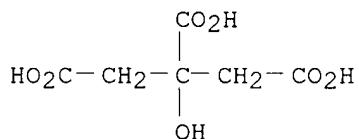
L18 0 S L16 AND PY<2002

L19 15 S L16 AND PY<2003

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN 100359-41-9 REGISTRY
CN 1,2,3-Propanetricarboxylic acid, 2-hydroxy-, ester with 1,2,3-propanetriol
octadecanoate (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Citrem FP 1201
CN **Glyceryl stearate citrate**
MF C18 H36 O2 . x C6 H8 O7 . x C3 H8 O3
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

CM 1

CRN 77-92-9
CMF C6 H8 O7



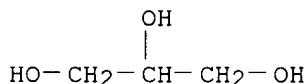
CM 2

CRN 57-11-4
CMF C18 H36 O2



CM 3

CRN 56-81-5
CMF C3 H8 O3



22 REFERENCES IN FILE CA (1962 TO DATE)
22 REFERENCES IN FILE CAPLUS (1962 TO DATE)

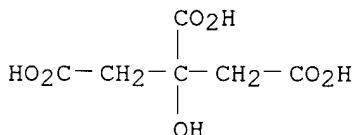
L5 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2003 ACS
RN 199015-62-8 REGISTRY
CN **Imwitor 370 (9CI)** (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
3 REFERENCES IN FILE CA (1962 TO DATE)
3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L5 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2003 ACS
RN 85411-32-1 REGISTRY
CN 1,2,3-Propanetricarboxylic acid, 2-hydroxy-, ester with 1,2,3-propanetriol
2-hydroxypropanoate monooctadecanoate (9CI) (CA INDEX NAME)
OTHER NAMES:
CN **Axol C 62**
MF C21 H42 O4 . x C6 H8 O7 . x C3 H6 O3
LC STN Files: CA, CAPLUS, USPATFULL

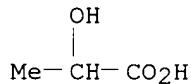
CM 1

CRN 77-92-9
CMF C6 H8 O7



CM 2

CRN 50-21-5
CMF C3 H6 O3



CM 3

CRN 31566-31-1
CMF C21 H42 O4
CCI IDS

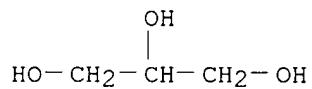
CM 4

CRN 57-11-4
CMF C18 H36 O2

$\text{HO}_2\text{C} - (\text{CH}_2)_{16} - \text{Me}$

CM 5

CRN 56-81-5
CMF C3 H8 O3



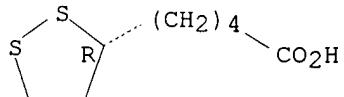
2 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L1 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2003 ACS
RN 57828-26-9 REGISTRY
CN **Lipoic acid (9CI)** (CA INDEX NAME)
MF Unspecified
CI COM, MAN
LC STN Files: ADISNEWS, AGRICOLA, BIOBUSINESS, BIOSIS, CA, CAPLUS, CEN, CIN, MEDLINE, PROMT, TOXCENTER, USPAT2, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
330 REFERENCES IN FILE CA (1962 TO DATE)
15 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
331 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L1 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2003 ACS
RN 1200-22-2 REGISTRY
CN 1,2-Dithiolane-3-pentanoic acid, (3R)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,2-Dithiolane-3-pentanoic acid, (R)-
CN 1,2-Dithiolane-3-valeric acid, (+)- (8CI)
OTHER NAMES:
CN (R)-(+)-.alpha.-Lipoic acid
CN (R)-.alpha.-Lipoic acid
CN (R)-Lipoic acid
CN .alpha.-(+)-Lipoic acid
CN .alpha.-Lipoic acid
CN d-Thioctic acid
CN **Lipoic acid**
CN R-(+)-Thioctic acid
FS STEREOSEARCH
MF C8 H14 O2 S2
CI COM
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DIOGENES, DRUGNL, DRUGUPDATES, EMBASE, HODOC*, IFICDB, IFIUDB, IPA, MEDLINE, MRCK*, NAPRALERT, PROMT, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

644 REFERENCES IN FILE CA (1962 TO DATE)
51 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
645 REFERENCES IN FILE CAPLUS (1962 TO DATE)